

Converting Colors

XYZ(17.1182, 31.1222, 5.1050)

Have a look what the booklet for
XYZ(17.1182, 31.1222, 5.1050)
contains.

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Color

**XYZ(17.0579, 30.9771,
5.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	40AD00
RGB	64, 173, 0
RGB Percent	25%, 68%, 0%
CMY	0.7490, 0.3216, 0.9999
CMYK	0.63, 0.00, 1.00, 0.32
HSL	98°, 100%, 34%
HSV	98°, 100%, 68%
XYZ	17.0579, 30.9771, 5.0801
YIQ	120.6870, -9.4310, -76.9110

Conversions

Conversions Part 2

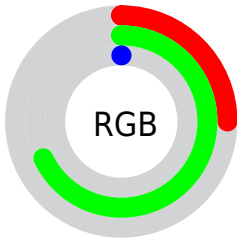
Format	Color
RYB	0, 173, 109
Decimal	4238592
CIELab	62.49, -56.28, 63.32
CIElCh	62, 84.719, 131.629
Yxy	30.9771, 0.3211, 0.5832
Android (android.graphics.Color)	4282428672 (0xFF40AD00)
YUV	120.6870, -59.4987, -49.7145
Hunter-Lab	55.6571, -42.6928, 33.5483

Details

The XYZ color **17.0579, 30.9771, 5.0801** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **13.8523, 6.2700, 40.0170**, and the grayscale version is **18.2622, 19.2133, 20.9232**.

A 20% lighter version of the original color is **37.8935, 60.9822, 16.4302**, and **6.5968, 13.1937, 2.1989** is the 20% darker color. If you saturate the color by 10%, you get **17.0579, 30.9781, 5.0803**, and if you desaturate by 10%, it is **17.9418, 31.4217, 5.6627**.

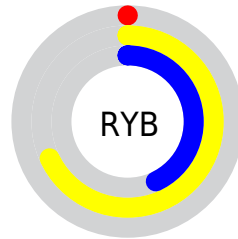
Distribution



Red (25%)

Green (68%)

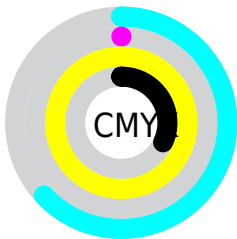
Blue (0%)



Red (0%)

Yellow (68%)

Blue (43%)

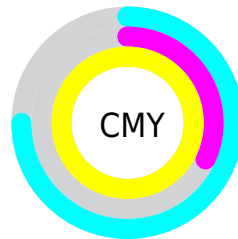


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (75%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0579, 30.9771, 5.0801 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 17.0579, 30.9771, 5.0801 by changing the saturation by 10% instead.

■ 17.0579, 30.9771,
5.0801

■ 17.0579, 30.9771,
5.0801

228.6556,
306.4328, 159.5653

■ 10.3713, 20.5814,
2.2348

■ 37.9681, 61.2040,
16.4328

■ 5.7100, 12.8184,
0.6943

■ 52.9225, 81.8040,
25.7772

■ 2.7085, 7.3036,
0.0000

■ 71.3635, 106.5743,
38.1251

■ 1.0016, 3.6527,
0.0000

■ 93.6565, 135.8992,
53.8950

■ 0.0000, 1.4812,
0.0000

■ 120.1668,
170.1630, 73.5054


■ 0.0000, 0.2755,
0.0000


■ 151.2599,


■ 0.0000, 0.0000,


209.7504, 97.3749


0.0000


 187.3010,
255.0455, 125.9220


 17.0579, 30.9771,
5.0801


 17.0579, 30.9771,
5.0801


 17.0579, 30.9781,
5.0803

 17.9418, 31.4217,
5.6627

 19.0615, 31.9765,
6.7278

 20.4604, 32.6607,
8.4647

 22.1615, 33.4842,
10.9606

 24.1850, 34.4557,
14.2896

■ 26.5489, 35.5833,
18.5171

■ 29.2700, 36.8741,
23.7017

■ 32.3635, 38.3350,
29.8973

■ 35.8441, 39.9722,
37.1537

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.2055, 30.9771, 1.9520



17.0579, 30.9771, 5.0801



13.0447, 30.9771, 17.4439

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.0579, 30.9771, 5.0801



23.0073, 30.9771, 136.6400



56.8561, 30.9771, 22.5034

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.0579, 30.9771, 5.0801



13.8523, 6.2700, 40.0170

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.8185, 30.9771, 57.8923



17.0579, 30.9771, 5.0801



34.1302, 30.9771, 141.5989

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.0579, 30.9771, 5.0801



15.8112, 30.9771, 95.7376



46.7164, 30.9771, 106.6914



49.2636, 30.9771, 6.7220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.0579, 30.9771, 5.0801



12.4055, 30.9771, 35.5617



46.7164, 30.9771, 106.6914



57.5491, 30.9771, 31.9599

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.0586, 30.9784, 5.0808



52.1426, 65.9063, 41.9071



22.4599, 19.3358, 2.5488



10.8867, 14.1120, 8.2482



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0586, 30.9784, 5.0808



30.3306, 55.3656, 9.0880



15.0724, 29.9397, 5.6556



8.1739, 9.0782, 8.5348



12.5896, 22.7872, 3.7348



0.4117, 0.6656, 0.1068

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.8523, 6.2700, 40.0170



24.5614, 11.1013, 71.6540



22.9695, 11.1789, 31.0068



8.0455, 7.9978, 10.0724



10.2401, 4.6388, 29.4002



0.3425, 0.1588, 0.8206

Previews

White Background



This preview shows how the XYZ color 17.0579, 30.9771, 5.0801 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.0579, 30.9771, 5.0801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

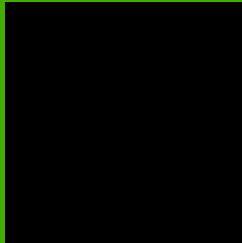
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0579, 30.9771, 5.0801

Background



This preview shows how black text looks on a background with the XYZ color 17.0579, 30.9771, 5.0801.



This preview shows how white text looks on a background with the XYZ color 17.0579, 30.9771,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.0579, 30.9771, 5.0801

Protanopia

27.2685, 30.2477, 4.4012

Deuteranopia

30.9777, 30.2922, 5.8833



Tritanopia

25.0009, 30.9254, 44.6959

Trichromacy



Original Color

17.0579, 30.9771, 5.0801

Protanomaly

21.5869, 29.2790, 4.5137

Deuteranomaly

23.0475, 28.7736, 5.1497

Tritanomaly

19.8917, 29.8970, 19.7612

Monochromacy



Original Color

17.0579, 30.9771, 5.0801

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

15.9732, 22.0013, 10.4260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0579, 30.9771, 5.0801 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(64, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 173, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(64, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 173, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.0579, 30.9771, 5.0801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 173, 0) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(64, 173, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(64, 173, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 173, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0579, 30.9771, 5.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 173, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(64, 173,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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